WHAT IS CLAIMED IS:

1	1. A method of diagnosing chronic fatigue syndrome in a patient
2	exhibiting symptoms associated with chronic fatigue syndrome, comprising:
3	evaluating the patient for serologic evidence of EBV and
4	HCMV, further comprising:
5	obtaining serum from the patient;
6	measuring the level of EBV IgM antibodies to the VCA
7	in the serum by measuring nonstructural epitopes for incomplete virus multiplication;
8	measuring the level of EBV antibodies to the total EA
9	in the serum by measuring nonstructural epitopes for incomplete virus multiplication;
10 -	measuring the level of HCMV IgM antibodies in the
11	serum by measuring nonstructural epitopes for incomplete virus multiplication;
12	measuring the level of HCMV IgG antibodies in the
13	serum by measuring nonstructural epitopes for incomplete virus multiplication;
14	monitoring the patient for T-wave abnormalities;
15	classifying EBV as the cause of the chronic fatigue syndrome
16	when the measurements show any one of the following: 1) an elevated level of IgM
17	antibodies to the VCA for EBV; and 2) presence of total EA antibodies for EBV, in
18	combination with the absence of IgM antibodies for HCMV and a low level of IgG
19	antibodies for HCMV;
20	classifying HCMV as the cause of the chronic fatigue
21	syndrome when the measurements show any one of the following: 1) an elevated
22	level of IgM antibodies for HCMV; and 2) an elevated level of IgG antibodies for
23	HCMV, in combination with a low level of IgM antibodies to the VCA for EBV,
24	and the absence of total EA antibodies for EBV; and
25	classifying a combination of EBV and HCMV as the cause of
26	the chronic fatigue syndrome when the measurements show any one of the following:
27	1) an elevated level of IgM antibodies to the VCA for EBV; and 2) the presence of
28	total EA antibodies for EBV, in combination with any of the following: 1) an
29	elevated level of IgM antibodies for HCMV; and 2) an elevated level of IgG
30	antibodies for HCMV.

1	2. The method of claim 1, wherein the patient's T-waves are
2	monitored through electrocardiographic monitoring.
1	3. The method of claim 1, wherein the patient's T-waves are
2	monitored through Holter monitoring.
1	4. The method of claim 1, further comprising the step of
2	conducting a stress multiple gaited acquisition test to check for the presence of an
3	abnormal ventricular dynamics.
1	5. The method of claim 1, further comprising the step of
2	conducting a myocardial perfusion test to check for coronary artery disease.
1	6. The method of claim 1, further comprising the step of
2	conducting a cardiac catheterization to determine if a cardiomyopathy exists.
1	7. The method of claim 1, further comprising the step of
2	conducting an endomyocardial biopsy to check for EBV or HCMV nucleic acids.
1	8. The method of claim 7, further comprising the step of
2	conducting a polymerase chain reaction study of the biopsy for EBV and HCMV to
3	determine the cause of the chronic fatigue syndrome.
1	9. The method of claim 7, further comprising the step of
2	conducting in-situ hybridization analysis of the biopsy for EBV and HCMV to
3	determine the cause of the chronic fatigue syndrome.
1	10. A method of diagnosing chronic fatigue syndrome in a patient
2	exhibiting symptoms associated with chronic fatigue syndrome, comprising:
3	evaluating the patient for serologic evidence of EBV and
4	HCMV, further comprising:
5	obtaining serum from the patient;

6	measuring the level of EBV IgM antibodies to the VCA
7	in the serum by ELISA method;
8	measuring the level of EBV antibodies to the total EA
9	in the serum by ELISA method;
10	measuring the level of HCMV IgM antibodies in the
11	serum by measuring antigens p52 and CM ₂ with the use of a light scattering
12	technique;
13	measuring the level of HCMV IgG antibodies in the
14	serum by measuring antigens p52 and CM ₂ with the use of a light scattering
15	technique;
16	monitoring the patient for T-wave abnormalities;
17	classifying EBV as the cause of the chronic fatigue syndrome
18	when the measurements show any one of the following: 1) an elevated level of IgM
19	antibodies to the VCA for EBV; and 2) presence of total EA antibodies for EBV, in
20	combination with the absence of IgM antibodies for HCMV and a low level of IgG
21	antibodies for HCMV;
22	classifying HCMV as the cause of the chronic fatigue
23	syndrome when the measurements show any one of the following: 1) an elevated
24	level of IgM antibodies for HCMV; and 2) an elevated level of IgG antibodies for
25 -	HCMV, in combination with a low level of IgM antibodies to the VCA for EBV,
26	and the absence of total EA antibodies for EBV; and
27	classifying a combination of EBV and HCMV as the cause of
28	the chronic fatigue syndrome when the measurements show any one of the following:
29	1) an elevated level of IgM antibodies to the VCA for EBV; and 2) the presence of
30	total EA antibodies for EBV, in combination with any of the following: 1) an
31	elevated level of IgM antibodies for HCMV; and 2) an elevated level of IgG
32	antibodies for HCMV.
1	11. A method of diagnosing and alleviating the symptoms of
2	chronic fatigue syndrome in a patient exhibiting symptoms associated with chronic
3	fatigue syndrome, comprising:
4	evaluating the patient for serologic evidence of EBV and
5	HCMV further comprising:

6	obtaining serum from the patient;
7	measuring the level of EBV IgM antibodies to the VCA
8	in the serum;
9	measuring the level of EBV antibodies to the total EA
10	in the serum;
11	measuring the level of HCMV IgM antibodies in the
12	serum by measuring antigens p52 and CM ₂ with the use of a light scattering
13	technique;
14	measuring the level of HCMV IgG antibodies in the
15	serum by measuring antigens p52 and CM ₂ with the use of a light scattering
16	technique;
17	monitoring the patient for T-wave abnormalities;
18	classifying EBV as the cause of the chronic fatigue syndrome
19	when the measurements show any one of the following: 1) an elevated level of IgM
20	antibodies to the VCA for EBV; and 2) presence of total EA antibodies for EBV, in
21	combination with the absence of IgM antibodies for HCMV and a low level of IgG
22	antibodies for HCMV;
23	classifying HCMV as the cause of the chronic fatigue
24	syndrome when the measurements show any one of the following: 1) an elevated
25	level of IgM antibodies for HCMV; and 2) an elevated level of IgG antibodies for
26	HCMV, in combination with a low level of IgM antibodies to the VCA for EBV,
27	and the absence of total EA antibodies for EBV;
28	classifying a combination of EBV and HCMV as the cause of
29	the chronic fatigue syndrome when the measurements show any one of the following:
30	1) an elevated level of IgM antibodies to the VCA for EBV; and 2) the presence of
31	total EA antibodies for EBV, in combination with any of the following: 1) and
32	elevated level of IgM antibodies for HCMV; and 2) an elevated level of IgG
33	antibodies for HCMV;
34	administering to the patient a therapeutically effective amount
35	of one or more pharmaceutically acceptable antiviral agents suitable for EBV,
36	HCMV or a combination thereof, wherein the one or more antiviral agents are
37	selected from the group consisting of acyclovir, ganciclovir, valacyclovir,



